

216830US-2-PCT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
HIROAKI KITANO ET AL : ATTN: APPLICATION DIVISION
SERIAL NO: 09/926,724 :
FILED: DECEMBER 7, 2001 :
FOR: METHOD FOR PREDICTING THE:
STRUCTURE OF A GENE
REGULATOR BINDING SITE AND
APPARATUS THEREFOR

PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231 .

SIR:

Prior to a first examination on the merits, please amend the above-identified
application as follows:

IN THE CLAIMS

Please amend Claim 3 as follows:

3. (Amended) The method for predicting the structure of a gene regulator binding
site as described in claim 1, wherein, from the searched parameter sets, microstructures
comprising binding sites of the enhancer or promoter, some of the binding sites interacting
locally with one another, are predicted as follows:

at portions where binding sites are dense, the microstructures are physically close to
one another for interaction therebetween, or they are physically remote from one another but
interact with one another closely and functionally, and